

Work Order ID 52054

September 15, 2009 11:19:05 AM



Page 1

Item ID: D212-664-101

Accept



Setup Start



Revision ID: C

Stop



Item Name: Crosstube Fwd

Start Date: 09/16/2009 Start Qty: 1.00



Cust Item ID:

Required Date: 10/06/2009 Req'd Qty: 1.00



Customer:

Reference:

Approvals:

Process Plan:

PLNR

Date:

09-15

Tooling:

Date:

Run Start



QC:

Date:

SPC (Y/N):

Date:

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

Draw Nbr

Revision Nbr

D212-664-141

Rev C

100

0.00



DOCUMENT CONTROL

DC

Memo

0.00

Document Control

Photocopy bluefile and create labels as per PPP D212-664-101 CHG003

Soz/dz

for BG 09/10/20

110

0.00



Pick Kit

Packaging

Memo

0.00

Packaging

Packaging

9/10/20

120

0.00



BENDING MACHINE - CROSSTUBES

CNC Bend 2

Memo

0.00

CNC Alpha 160 Bender

Bend tube as per Dwg D212-664-141 using CNC bender program 212-fw and Folio FT015

(IX)

MB

09-10-06

Work Order ID 52054

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Page 2

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Start Date: 09/16/2009 Start Qty: 1.00



Cust Item ID:

Required Date: 10/06/2009 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

130

QC15- Crosstube Dimensional Check

0.00



QC

Memo

0.00

27 509/10/07



Quality Control

140

0.00



Crosstubes

Crosstubes

Memo

0.00

1-Drill pilot holes in tube as per Dwg D212-664-141 using drill Jig DT8548 & DT8549

2-Ream hole to finish size in tube as per Dwg D212-664-141 using drill Jig DT8548 & DT8549. Check dimensions between holes, both sides on both cuffs, to ensure alignment with saddle holes.

3-Scribe part # and batch # using vibrating stylus as per Dwg D212-664-141

4-Deburr & Inspect for surface damage. Repair damage within limits as per Dwg D212-664-141

ms
09-10-07

- Ann 9-10-08

Work Order ID 52054

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Item ID: D212-664-101

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Setup Start



Revision ID: C

Stop



Item Name: Crosstube Fwd

Start Date: 09/16/2009 Start Qty: 1.00



Cust Item ID:

Required Date: 10/06/2009 Req'd Qty: 1.00



Customer:

Reference:

Run Start



Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Stop



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	----------------	--------------	--------------	---------------	---------------	------------------	----------------

150

Crosstubes Chemical Conversion

0.00



HandFXtube

Memo

0.00

Hand Finishing Crosstubes

Chemical Conversion Coat within 24 hours of bending and drilling

1 Ø - Aug 9-10-08

160

QC5- Inspect part completeness to step on W/O

0.00



QC

Memo

0.00

Quality Control

2809/10/08④ Ø

170

Outsource process - NDT per QSI038 4.1

0.00



Outsource2

Memo

0.00

Outsource process - NDT

Liquid Penetrant Inspection as per QSI 038
Issue P/O: 10557
LPI as per ASTM 1417 Level 2
Attach copy of NDT results to work orderCZ 09/10/09 ①

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Page 5

Item ID: D212-664-101

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Item Name: Crosstube Fwd

Stop



Start Date: 09/16/2009 Start Qty: 1.00



Cust Item ID:

Required Date: 10/06/2009 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

200

Spray Painting per QSI005 4.2

0.00



SprayPaint

SprayPaint

Memo

0.00

Spray Painting

1-Prime inside and outside crosstube as per QSI 005 4.2
2-Paint outside crosstube with White Imron as per QSI 005 4.2

PRIME:

Start Time: 7:30

Finish Time: 8:00

PAINT:

Start Time: 2:30

Finish Time: 3:30

M 09 10 14 ①

210

QC14- Inspect Spray Paint

0.00



QC

Memo

0.00

Quality Control

Then, Wrap in plastic bag to protect from scratches

ET 09-10-15

Work Order ID 52054

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Page 6

Item ID: D212-664-101

Accept



Setup Start



Revision ID: C

Stop



Item Name: Crosstube Fwd

Start Date: 09/16/2009 Start Qty: 1.00



Cust Item ID:

Required Date: 10/06/2009 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Draw Number	Draw Rev.	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
220		0.00							
	Crosstubes					ml	09	10	19 (1)
Crosstubes	Memo	0.00							
Crosstubes	1- Lightly scuff the bonded area using a 320 grit sand paper and clean the area with 41058 wash 'n' wipe 2-Install supports with magnobond as per QSI 015 Adhere for for 12 Hrs A/R 6398 Magnobond Batch: 112417 exp: 01/2011 Torque: ml on 10 20 (1)								
230	QC5- Inspect part completeness to step on W/O	0.00							
QC	Memo	0.00							
Quality Control									
240	Pick Kit	0.00							
Packaging	Memo	0.00							
Packaging									

9/10/20 10-50

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Item ID: D212-664-101

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Revision ID: C

Stop



Item Name: Crosstube Fwd

Start Date: 09/16/2009 Start Qty: 1.00



Cust Item ID:

Required Date: 10/06/2009 Req'd Qty: 1.00



Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start



QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run HoursDraw
NumberDraw
Rev.Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

250

QC4- 100% Inspect kits for completeness

0.00



QC

Memo

0.00

2) 501/10/21

④

/

Quality Control

260

Packaging

0.00



Packaging

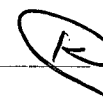
Memo

0.00

Reve

51/10/21

54



Packaging

Identify and pack for shipping as per PPP D212-664-101

270

QC21- Final Inspection - Work Order Release

0.00



QC

Memo

0.00

09/10/22

Quality Control

mf
09-10-21

Picklist Print

September 15, 2009 11:19:05 AM

Page 1

Work Order ID: 52054

Parent Item: D212-664-101RevC

Parent Item Name: Crosstube Fwd



Comments:

Start Date: 09/16/2009

Required Date: 10/06/2009

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
D212-664- 101TRNRevC		Manufactured	No			110	Each	0.0000	1.0000			
												
Crosstube Turning Detail												
D3595-063-450RevA		Manufactured	No			230	Each	81.1789	4.2105			
												
RUBBER CUSHION												

B-52459 MB 09-10-06 ✓

Warehouse

Loc Qty

Loc Code

Location

Main Warehouse

LG

74

50953

74

ml 09 10 19

Main Warehouse

ST

7.1789

38959

2

43210

4.8

46465

0.3789

Picklist Print

September 15, 2009 11:19:05 AM

Work Order ID: 52054



Parent Item: D212-664-101RevC



Parent Item Name: Crosstube Fwd

Start Date: 09/16/2009

Required Date: 10/06/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21920-25 		Purchased	No			220	Each	167.0000	4.0000			
Clamp(per MIL-DTL-8783C)												

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	167	
107456	2	
108111	3	
108975	17	
109181	48	
109644	10	
111282	12	
<u>111429</u>	25	
112495	50	

mt 09 10 19

D2893-1RevB

Manufactured No

220

Each

52.0000

2.0000



2.75 Support

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	52	
25657	6	
46488	8	
<u>47109</u>	18	
47637	20	

mt 09 10 19

Picklist Print

September 15, 2009 11:19:05 AM

Work Order ID: 52054

Parent Item: D212-664-101RevC

Parent Item Name: Crosstube Fwd



Start Date: 09/16/2009

Required Date: 10/06/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
S D3428-1RevA  Placard		Manufactured	No			240	Each	31.0000	1.0000 			

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST096

31

50790

31

Purchased

No

240

Each

94.0000

4.0000


50790

scf

AN6-35A

BOLT

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

94

112314

94

Purchased

No

240

Each

129.0000

4.0000


112314

scf

AN6-36A

Bolt

Warehouse Loc Qty Loc Code

Location

Main Warehouse

ST

129

109632

1

110382

2

111650

26

112314

100

111650

scf
9/10/20

Picklist Print

September 15, 2009 11:19:05 AM

Work Order ID: 52054



Parent Item: D212-664-101RevC



Parent Item Name: Crosstube Fwd

Start Date: 09/16/2009

Required Date: 10/06/2009

Comments:

Start Qty: 1.00

Required Qty: 1.00

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Remaining Qty To Pick	Qty Issued	Date Issued	Status
MS21042L6 Nut		Purchased	No			240	Each	725.0000	6.0000			

<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	725	
105077	22	
110002	5	
111548	98	
111578	400	
112492	200	

111548 SD

AN960JD616



Washer

Purchased No

240 Each 716.0000 18.0000



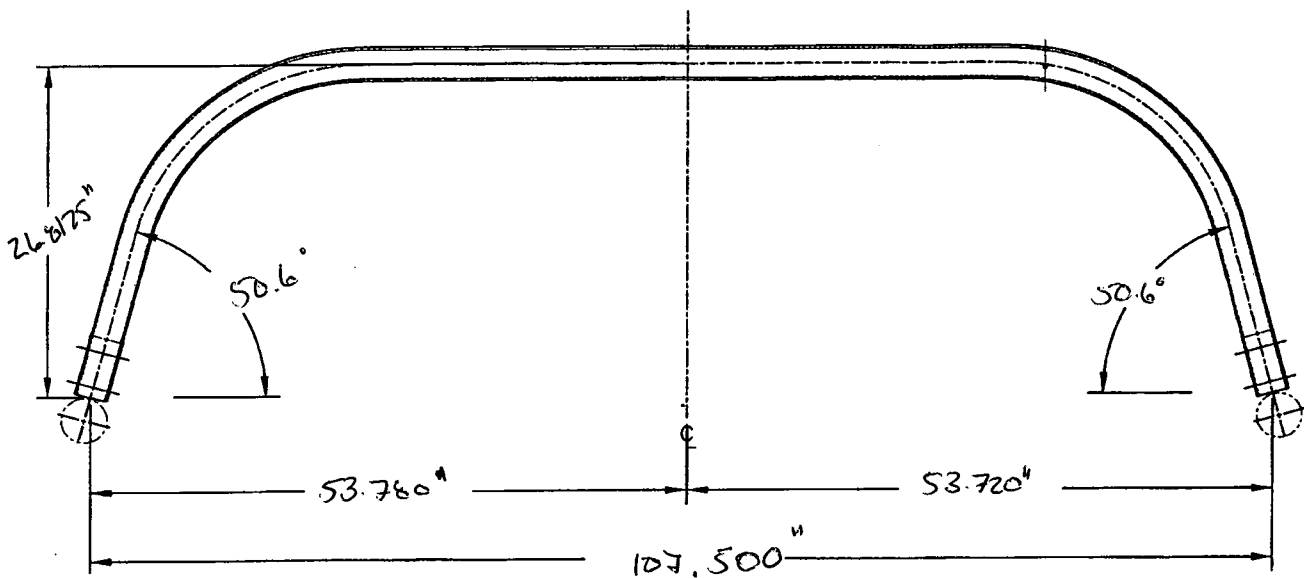
<u>Warehouse</u>	<u>Loc Qty</u>	<u>Loc Code</u>
<u>Location</u>		
Main Warehouse		
ST	716	
107242	3	
107959	6	
109371	8	
110704	23	
111193	10	
111607	4	
112314	662	

112314

9/10/20 SD

DART AEROSPACE LTD		Work Order:	52054
Description: Crosstube High Fwd (205/212/412)		Part Number:	D212-664-101
Inspection Dwg: D212-664-141 Rev: C		Page 1 of 1	

Required Dimension	Min	Max
Height	26.79	27.05
1/2 Span	53.59	53.85
Angle	49	52
Total Span	107.18	107.7



Comments

QC15 Inspection	S
Date	07/10/07

Rev	Date	Change	Revised by	Approved
A	07.02.06	New Issue	KJ/JM	
B	07.05.31	Dimensions updated per Dwg Rev C	KJ/JM	

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT
WORK ORDER
NO. 52054

DART

RELEASED

07.04.24

DEO ATTACHED

DESIGN	PH	DRAWN BY	PH	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED	GP	APPROVED	PH	DRAWING NO.	REV. C
				D212-664-141	SHEET 1 OF 3
DATE				TITLE	SCALE
07.03.08				XTUBE ASS'Y (205/212/412 HI FWD)	NTS
A	00.12.12			NEW ISSUE	
B	05.02.04			ADD HOLES FOR COMPATABILITY WITH BHT/AA SKIDTUBES	
C	07.03.08			REMOVE -851 ABRASION STRIP; ADD MAGNOBOND 6398, CUSHION, REVERSE CLAMPS	

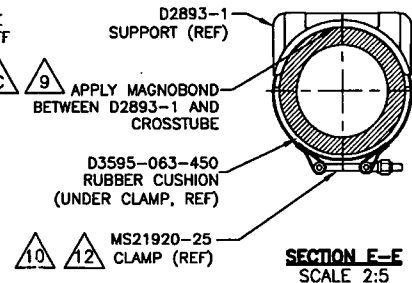
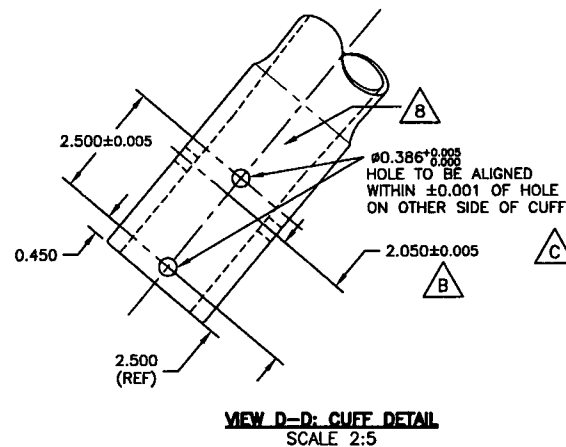
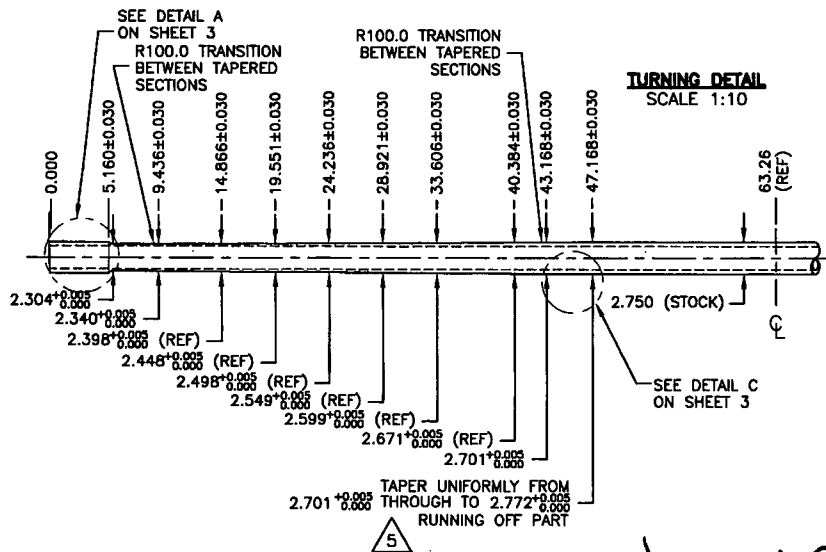
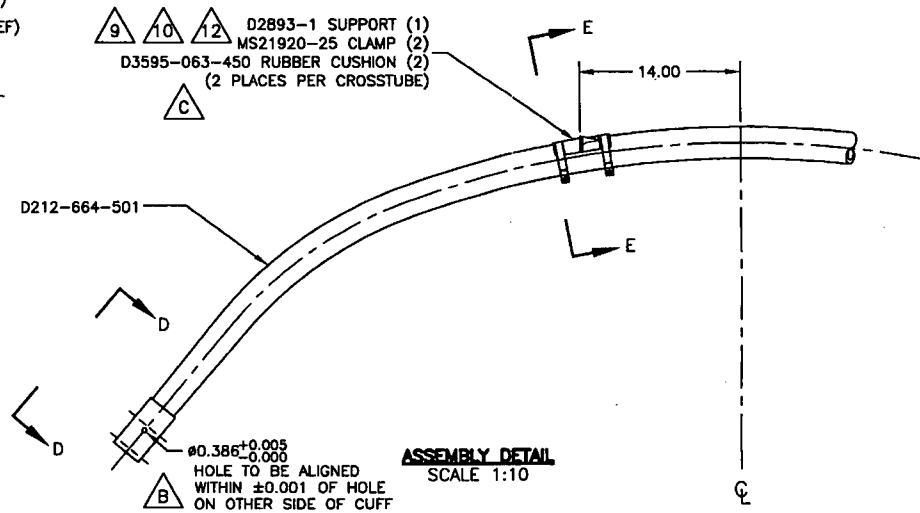
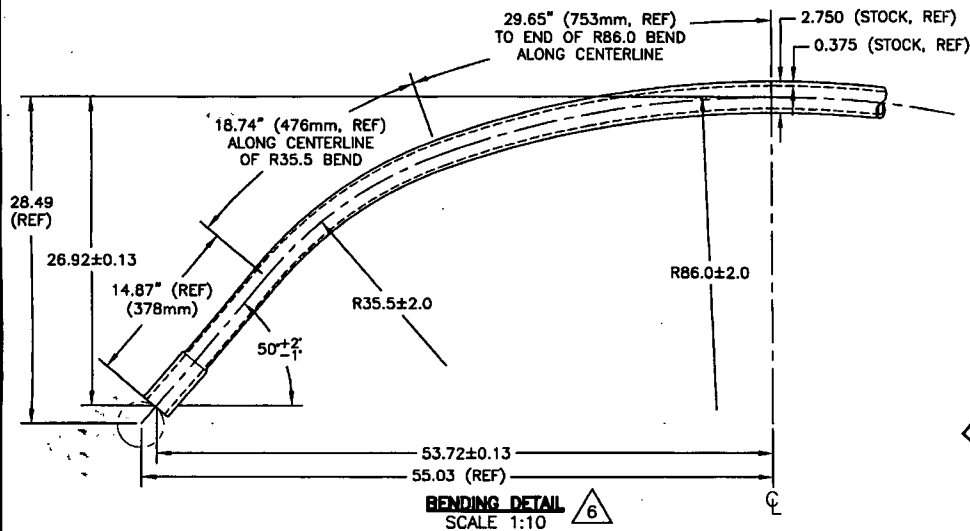
Qty	Part Number	Description
X	D212-664-141	CROSSTUBE ASSEMBLY (205/212/412 HIGH FWD)
1	D6005-128	CROSSTUBE
2	D2893-1	SUPPORT
4	D3595-063-450	RUBBER CUSHION
4	MS21920-25	CLAMP (OR MS21920-26)
A/R	MAGNOBOND 6398	ROCKWELL SPECIFICATION RBO-120-023 ADHESIVE (TEXTRON/BELL SPEC. 299-947-100, TYPE II, CLASS 2 ADHESIVE)

GENERAL NOTES:

- 1) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED.
- 2) MATERIAL: MANUFACTURED FROM D6005-128
FINISHED LENGTH = 126.51±0.020
- 3) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1
PRIME INSIDE AND OUTSIDE PER DART QSI 005 4.2
PAINT OUTSIDE PER DART QSI 005 4.2
- 4) PART IS SYMMETRIC ABOUT CENTERLINE.
- 5) RUN-OFF PART. BLEND OUT EDGE LONGITUDINALLY, TRANSITION SHOULD BE SMOOTH.
- 6) BEND PROGRESSIVELY WITH A MINIMUM OF 3 PASSES. MAXIMUM TUBE FLATTENING DUE TO BENDING IS 6% BASED ON O.D.
- 7) LIQUID PENETRANT INSPECT OUTSIDE SURFACE OF CROSSTUBE PER QSI 038.
- 8) SCRIBE DART PART NUMBER AND BATCH NUMBER IN THIS AREA WITH VIBRATING STYLUS.
- 9) INSTALL D2893-1 SUPPORT USING 0.03" TO 0.06" THICK LAYER OF MAGNOBOND 6398 PER QSI 015. LET CURE FOR 12 HOURS AFTER INSTALLATION AND PRIOR TO PACKAGING.
- 10) INSTALL MS21920-25 CLAMPS (OR -26) WITH D3595-063-450 RUBBER CUSHIONS TO SECURE THE D2893-1 SUPPORT ON TOP SIDE OF THE CROSSTUBE. ENSURE CLAMPS ARE OPPOSITE OF CROSSTUBE SUPPORT
- 11) EXTREME CARE MUST BE TAKEN TO PROTECT THE OUTSIDE SURFACE OF THE TUBE. THE OUTSIDE SURFACE MUST BE SMOOTH AND FREE FROM SURFACE DEFECTS SUCH AS SCRATCHES, NICKS, OR DENTS. DEFECTS UP TO 0.005" MAY BE BLENDED OUT LONGITUDINALLY. CIRCUMFERENTIAL GRIND MARKS ARE UNACCEPTABLE.
- 12) TORQUE CLAMPS 80 TO 100 IN-LB. ENSURE AT LEAST 1.5 THREADS SHOWING IN SAFETY AND THAT NUT HAS NOT BOTTOMED-OUT AFTER TORQUING.

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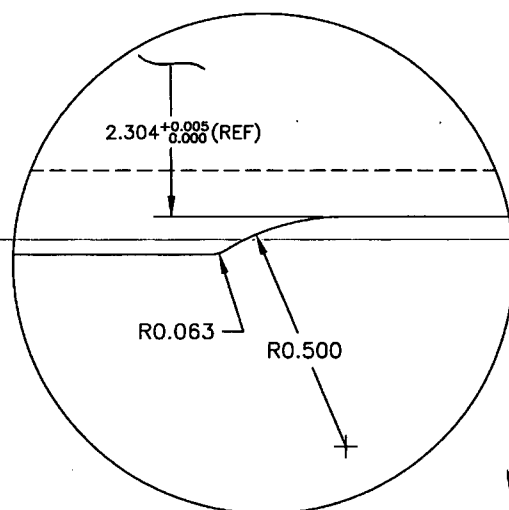
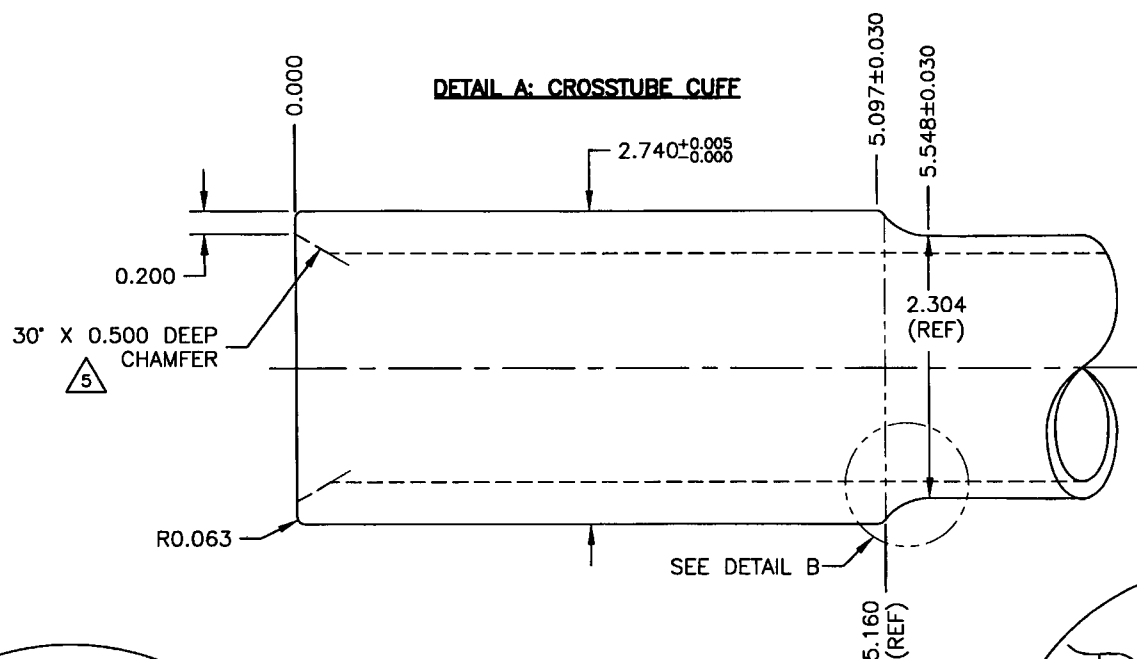
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07.04.24
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COPYRIGHT © 2000 BY DART AEROSPACE LTD.		DESIGN	PH	DRAWN BY	PH	DART	DART AEROSPACE LTD. HARRISBURG, ONTARIO, CANADA
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		DATE	07.03.08	TITLE		XTUBE ASS'Y (205/212/412 HI FWD) 1:10	

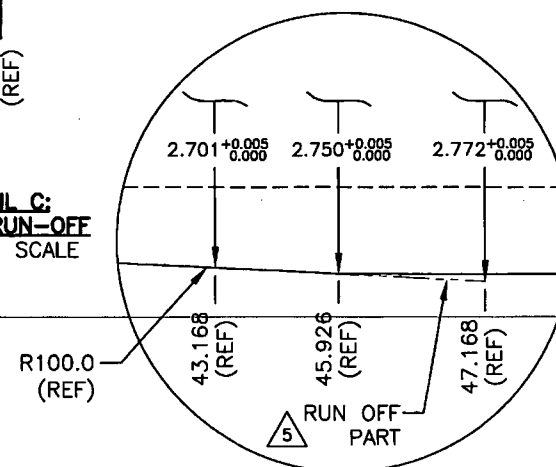
w/o - 52054

RELEASED
67.04.24 LP
PER ECN 887

DEO ATTACHED



DETAIL C: TAPER RUN-OFF
NOT TO SCALE



W/O-52054

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DATE 07.03.08		TITLE XTUBE ASS'Y (205/212/412 HI FWD)		SCALE 1:1	

DRAWING NO. D212-664-141	TITLE CROSSTUBE	REV. C	DART AEROSPACE LTD ENGINEERING ORDER		D.E.O. NO. D212-664-141-C-1	SHEET NO. SHEET 1 OF 1	SCALE NTS
DRAWN <i>(1)</i>	CHECKED <i>R</i>	MFG. APPR. <i>E</i>	APPROVED <i>W</i>		DE APPR. <i>#</i>		
DATE 09.05.01	DATE 09.06.15	DATE 09.06.15	DATE 09/06/16		DATE 09/06/16		

CHANGE:

ADD THE FOLLOWING CROSSTUBE ASSEMBLY:

Part Number	Description
D212-664-141B	CROSSTUBE ASSEMBLY (214 HIGH FWD)

THE D212-664-141B CROSSTUBE HAS THE SAME PARTS LIST AS THE D212-664-141 CROSSTUBE. HOWEVER, INSTALL THE SUPPORTS AS SHOWN IN FIGURE 1 OF THIS ENGINEERING ORDER. THE NEW KIT IS OTHERWISE ASSEMBLED PER THE D212-664-141 CROSSTUBE.

RELEASED
07/06/22

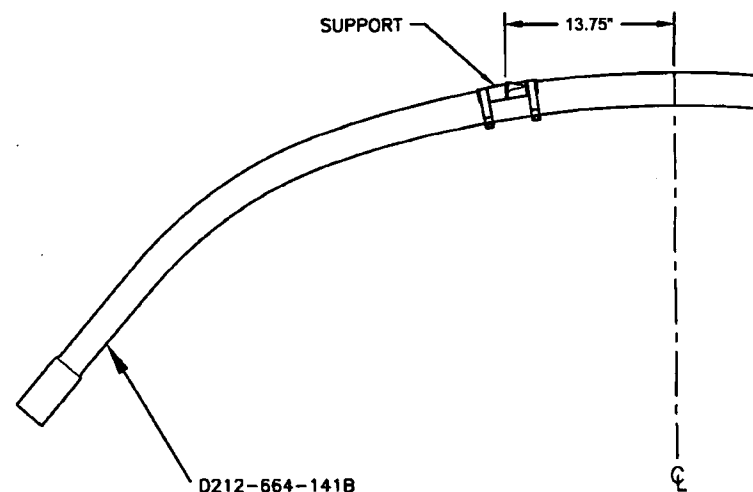


FIGURE 1 - SUPPORT INSTALLATION

W/O-52054



LIQUID PENETRANT TEST REPORT

P- 1530

PAGE 1 OF 1

CLIENT DART AEROSPACE DATE OCT-8-2009 TIME AM ☒ P
ATTENTION LINDA/CHATEL ACUREN JOB NO. 188-08-001567
ADDRESS 1270 ABERDEEN ST, HAWKESBURY PO/NO. - 10557
ON. KGH 1K7 WORK LOCATION SAME
ACCEPTANCE STD. ASTM 1417 REV./DATE 200
PROJECT F.P.I. on CROSS TUBES AND MACHINED PARTS
ITEM(S) EXAMINED 10 CROSS TUBES
13 MACHINED PARTS

JOB DESCRIPTION PROCEDURE NO. LT- REV./DATE TECHNIQUE NO. LT- REV./DATE
PART NO. STAINLESS STEEL MATERIAL ALUMINUM THICKNESS N/A
SCOPE WET FLUORESCENT LIQUID PENETRANT INSPECTION
CARRIED OUT 100% EXTERNAL

TEST DETAILS

METHOD ☒ FLUORESCENT ☐ VISIBLE ☒ WATER WASH ☐ SOLVENT REMOVABLE ☐ POST EMUL
FAMILY BRAND MASNA FLUX BLACK LIGHT S/N 16459 ☐ OUTPUT > 1000 μ W/cm² ☐ AMBIENT <
PENETRANT 2L-67 MINIMUM DWELL TIME 45 MIN. LIGHTING EQUIP. ☐ FLASHLIGHT ☐ TROUBLELIGHT ☐ OUTPUT > 100 fc @ 5
PENETRANT REMOVER H2O MINIMUM DRY TIME >10 MIN. OTHER LABING
DEVELOPER SKD 52 MINIMUM DWELL TIME 10 MIN. LIGHT METER S/N CAL DUE DATE
DEVELOPER TYPE ☒ NON AQUEOUS ☐ AQUEOUS ☐ DRY

TEST SURFACE

SURFACE CONDITION ☐ AS GROUND ☐ AS WELDED ☒ MACHINED ☐ SHOT BLASTED ☐ CLEAN BARE ME
SURFACE TEMPERATURE ☐ < - 4°C/ 20°F ☐ - 4°C/ 20°F TO 10°C/ 50°F ☒ 10°C/ 50°F TO 52°C/ 125°F ☐ > 52°C/ 125°F

RESULTS- ☒ METRIC ☐ IMPERIAL

1 - W.O. 51939 - CROSS TUBE X
1 - W.O. 51940 - CROSS TUBE /
1 - W.O. 52054 - CROSS TUBE /
1 - W.O. 52055 - CROSS TUBE /
~~1 - W.O. 51287 - CROSS TUBE~~ /
1 - W.O. 51937 - CROSS TUBE /
1 - W.O. 51938 - CROSS TUBE /
1 - W.O. 52052 - CROSS TUBE /
1 - W.O. 52053 - CROSS TUBE /
1 - W.O. 50982 - CROSS TUBE /
1 - W.O. 50983 - CROSS TUBE /
13 - W.O. 51297 - STUDS /
ALL PARTS EXAMINED. HAVE
BEEN FOUND ACCEPTABLE
TO STANDARD.
09 10 13

Scope of Services

The agreement of Acuren Group Inc. to perform services extends only to those services provided for in writing. Under no circumstances shall such services extend beyond the performance of the requested services. It is expressly that all descriptions, comments and expressions of opinion reflect the opinions or observations of Acuren Group Inc. based on information and assumptions supplied by the owner/operator and are not intended nor can they be representations or warranties. Acuren Group Inc. is not assuming any responsibilities of the owner/operator and the owner/operator retains complete responsibility for the engineering, manufacture, repair and use decisions as data or other information provided by Acuren Group Inc. In no event shall Acuren Group Inc.'s liability in respect of the services referred to herein exceed the amount paid for such services.

Standard of Care

In performing the services provided, Acuren Group Inc. uses the degree, care and skill ordinarily exercised under similar circumstances by others performing such services in the same or similar locality. No other warranty, express implied, is made or intended by Acuren Group Inc.

SIGNATURES

CLIENT REPRESENTATIVE MATTHEW MURDOCH DTR # E-27843
TECHNICIAN (SIGNATURE): Mike Johnston REPORT REVIEWED BY:
NAME (PRINT): Mike Johnston NAME INIT
1ST TECHNICIAN 2ND TECHNICIAN
CGSB LEVEL 2 SNT LEVEL 2 CGSB LEVEL SNT LEVEL
CGSB REG. NO. 6066 CGSB REG. NO.

5.0 PARTS LIST

REFERENCE ONLY

5.1 HIGH GEAR CROSSTUBES

Item	-101	-201	-203	Part Number	Description
	X			D212-664-101	CROSSTUBE INSTALLATION, 204/205/210/212/214/412, UH-1H, UH-1A/B/E/F/L/P, TH-1F/L, HH-1K HIGH FWD
		X		D212-664-201	CROSSTUBE INSTALLATION, 204/205/210/212/214, UH-1H, UH-1A/B/E/F/L/P, TH-1F/L, HH-1K HIGH AFT
			X	D412-664-203	CROSSTUBE INSTALLATION, 412 HIGH AFT
1	1			D212-664-141	CROSSTUBE ASSEMBLY, 204/205/210/212/214/412, UH-1H, UH-1A/B/E/F/L/P, TH-1F/L, HH-1K HIGH FWD
2		1		D212-664-241	CROSSTUBE ASSEMBLY, 204/205/210/212/214, UH-1H, UH-1A/B/E/F/L/P, TH-1F/L, HH-1K HIGH AFT
3			1	D412-664-243	CROSSTUBE ASSEMBLY, 412 HIGH AFT
10	2			* D2893-1	SUPPORT
11	4			* D3595-063-450	RUBBER CUSHION
12	4			* MS21920-25	CLAMP (OR MS21042-26)
13	4			AN6-35A	BOLT
14	4			AN6-36A	BOLT
15	6			MS21042L6	NUT (OR MS21042-6)
16	18			AN960JD616	WASHER
20		2		* D2940-1	SUPPORT
21		4		* D3595-063-530	RUBBER CUSHION
22		4		* MS21920-28	CLAMP (OR MS21042-30)
23		4		AN6-40A	BOLT
24		2		AN6-41A	BOLT
25		6		MS21042L6	NUT (OR MS21042-6)
26		18		AN960JD616	WASHER
30			1	* D2896-1	SUPPORT
31			2	* D2856-600-1009	ABRASION STRIP
32			2	* D3595-063-570	RUBBER CUSHION
33			4	* MS21920-28	CLAMP
34			2	* MS21920-30	CLAMP (OR MS21042-32)
35			4	AN6-40A	BOLT
36			2	AN6-41A	BOLT
37			6	MS21042L6	NUT (OR MS21042-6)
38			18	AN960JD616	WASHER
39			2	* D3189-1	CHAFING SHIELD
50	1	1		D3428-1	PLACARD

*REFERENCE ONLY. PARTS ARE INCLUDED IN D212-664-141/-241 OR D412-664-243 ASSEMBLIES ABOVE
NOTE: KITS INCLUDE EXTRA HARDWARE FOR COMPATIBILITY WITH BOTH DART AND BELL/AA SKIDTUBES.

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